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Outlook

THE UNIVERSITY OF MARYLAND FACULTY AND STAFF WEEKLY NEWSPAPER

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Benefitting Humans and Nature

Page 6

Resident Life Director Tapped for Vice Presidency

After a lengthy search process and significant input and deliberation, Patricia Mielke has accepted the position of assistant vice president for student affairs. In this capacity, she will serve as a key member of the leadership team and will supervise the departments of Commuter Affairs and Community Service, the Career Center and the Stamp Student Union and Campus Programs.

"One of the things that stands out about Pat is her ability to build consensus," said Linda Clement, vice president for student affairs and Mielke's new boss.

Currently, Mielke serves as the director of resident life, where she has been a pioneer in developing the living-learning programs and public-private partnerships to create more student housing. She came to the University of Maryland 25 years ago and earned her doctorate in the college student personnel program. Mielke will be joining the staff in the Office of the Vice President in June.

The position became available when Drury Bagwell retired last summer; however, the opening was not announced until December. A search committee comprised of more than 20 students and department heads weighed in on the decision. More than 126 applicants applied, according to Mielke. She had been a finalist for the vice president of student affairs position two years ago, but the position was eventually filled by Clement.

Mielke is best known for heading the resident life office during the worst housing crunch in recent memory. When state funding restrictions prevented the construction of new housing on campus, her office teamed with private corporations to build the South Campus Commons and the University Courtyard.

It is her experience with the university that helped her win her new position, said Clement. Before becoming the resident life director, she was the assistant director for residential programs and services, a community director and a resident director.

As one of her first tasks, Mielke will manage a committee to review the university's alcohol policy. She said she will also work to improve the transportation system by possibly expanding the Shuttle-UM program.

—Reprinted in part from The Diamondback (April 30, 2002)

Another Beautiful Day in Our Neighborhood



PHOTO BY CYNTHIA MITCHEL

Gymnastics group Gymkana wows the Maryland Day crowd with gravity-defying moves.

More than 60,000 visitors came to the campus last weekend to enjoy Maryland Day activities. Divided into six learning zones, the university offered an event or display for every interest. Activities included men's basketball players signing autographs on T-shirts (some still being worn), an appearance by the Oscar Mayer Wienermobile, trained beef steers on display, a costume shop showcase and a session on "voodoo science."

Faculty and staff from almost every department participated to make the day a success, with hard work and creativity before, during and after Maryland Day. For more Maryland Day photos, see page 4.

Beyond the Body Beautiful, Toward Inner Health

As indiscriminate as the aging process can be, there are those whose genes allow them to minimize the effects of aging and maximize the effects of exercise through strength training. A new study being conducted by Ben Hurley, a professor in the Department of Kinesiology, will help determine how this advantage plays a part in the process for people over 50, with particular emphasis on those 65 and older.

Hurley has been studying the effects of aging and strength training on risk factors for age related diseases for the past 20 years. However, in charting the results of study participants, he noticed that while some developed greater muscle mass, better blood sugar, better cholesterol profiles, lower blood pressure or better flexibility, others didn't. He will use a recently awarded \$2 million NIH grant to try and identify what genetic profiles cause this difference.

The study involves going into assisted living and retirement communities and asking senior citizens to

See HURLEY, page 7

Recruitment, Support Focus of Engineer's Efforts

Growing up in Silver Spring, Paige Smith was often told that she should study engineering.

"I can't remember not being interested in it," she says. Always good at science and math, Smith said "it was kind of unusual for girls" to be encouraged in that direction.

Now Smith spends much of her time encouraging and supporting young girls and women to study engineering as the director of the Women in Engineering (WIE) program in the Clark School of Engineering. The mission of the program is to recruit women into the engineering program and support those who are currently in it. WIE has programs for current students and does outreach as well for elementary, middle school and high school students.

Smith, who started in the position last September, said that one of Dean Nariman

Farvardin's goals is to increase enrollment of women to 25 percent. The current enrollment is about 20 percent,



PHOTO BY LAURA LEE

Paige Smith, the director of Women in Engineering, is committed to sharing her enthusiasm for the field with young girls and women.

which is the national average.

It is hoped that such results will be reached with the help of WIE programs such as the Research Internships in Sci-

See ENGINEERING, page 5

Building Bridges for Success

We may have overcome in some areas, say many African-American college administrators and faculty members, but it is not time for resting on laurels. Though there is much to celebrate, it is also imperative to make plans for future success.

With this directive in mind, the Black Faculty & Staff Association (BFSA) hosts its 15th annual Conference for African Americans in Higher Education, "Building Bridges: Developing Collaborative Relations and Strategies for Success in Higher Education." Being held May 29 and 30 at the Greenbelt Marriott, the two-day event will provide opportunities to share views on how to build bridges to government agencies, the private sector and peer institutions to create a network of information and resources necessary for success.

Nationally known speakers and authors George Fraser and Patricia Russell-McCloud will give keynote speeches. Each comes with extensive motivational and leadership experience.

Fraser, who wrote "Success

Runs in Our Race: The Complete Guide to Effective Networking in the African American Community," is a frequent contributor to scholarly journals and is creator of the award-winning "SuccessGuide, The Networking Guide to Black Resources." He spent 17 years as a manager with Procter & Gamble, United Way and Ford. Russell-McCloud, a winner of the prestigious Elks Oratorical award, is president of Russell-McCloud & Associates in Atlanta. She practiced law for the Federal Communications Commission before deciding to change paths and "impact people's lives on a broader scale."

The two-day conference will also feature workshops focusing on conflict management, how to make change work, what to know about retirement and a father-son professor team from George Mason University discussing best practices in relation to employment services. Information on how to better manage budgets, techniques on how to attract and retain students from diverse backgrounds, and advice on the

See BRIDGES, page 6

dateline maryland

YOUR GUIDE TO UNIVERSITY EVENTS: MAY 7-14

TUESDAY

may 7

12 p.m., IGCA Noon Forum
See box at right.

WEDNESDAY

may 8

11:15 a.m.-12:15 p.m., Annual Drum Major of Excellence Luncheon Multi-purpose Room, Nyumburu Center. Join in honoring those who have made a major difference in the lives of students and in our community both spiritually and emotionally. Tickets cost \$15. For more information, contact Yvette Nickerson at 5-9042 or ynickers@accmail.umd.edu.

12 p.m., Depression: Do You Know the Signs? 0121 CRC. Do you think someone you know is suffering from depression? Learn what signs and symptoms to look for and how you can help from the Center of Health and Wellbeing. For more information, contact Jennifer Treger at 4-1493 or treger@health.umd.edu.

12-1 p.m., Research and Development Presentation 0114 Counseling Center, Shoe-maker Building. With Javaune Adams-Gaston, associate dean, Letters and Sciences undergraduate advising office, speaking on "Moving Towards the Importance of Student Advising and Retention Success in Students." For more information, call 5-2860.

5:30-6:30 p.m., Strategies for Stressful Times 0121 CRC. Learn the techniques to stay healthy during tough times. Discover how a healthy diet, exercise and relaxation can help reduce tension. For more information contact Jennifer Treger at 4-1493 or treger@health.umd.edu.

7:30 p.m., The Coronation of Poppea Kay Theatre, Clarice Smith Performing Arts Center. The Maryland Opera Studio presents one of the defining pieces of dramatic opera. Tickets cost \$20 for adults, \$18 for seniors and \$5 for students. For more information, call (301) 405-ARTS or visit www.claricesmithcenter.umd.edu.

8 p.m., University of Mary-

China and Taiwan in the WTO

The Institute for Global Chinese Affairs (IGCA) invites the campus to this semester's final Noon Forum: "China and Taiwan in the WTO: Opportunities and Challenges," to be held Tuesday, May 7 from 12 to 1:30 p.m. in 0105 St. Mary's Hall.

The speakers are: Richard Bush, director, American Institute in Taiwan; Shen Lyushun, deputy representative, TECRO (Taipei Economic and Cultural Representative Office); and Margaret Pearson, Dept. of Government and Politics. The moderator is Julia Chang Bloch, ambassador-in-residence, IGCA.

Membership of Taiwan and the People's Republic of China in the WTO will present both opportunities and challenges and certainly raise questions about what lies ahead. The panel will address these issues and other questions.

Complimentary lunch will be provided to those who reserve in advance. Contact Rebecca McGinnis at 5-0208 or rm165@uimail.umd.edu.

land Percussion & Marimba Ensemble Concert Hall, Clarice Smith Performing Arts Center. Spring showcase for xylophone, marimba, timpani, bells, vibraphone, drums and more. For more information, call (301) 405-ARTS or visit www.claricesmithcenter.umd.edu.

THURSDAY

may 9

5-7 p.m., Master of Fine Arts Thesis Exhibition Opening Reception The Art Gallery, Art-Sociology Building. Featuring works by six students. The exhibition will run until May 24. For more information, call 5-2763.

5:30-6:30 p.m., Eating Healthy When Eating Out 0121 CRC. Could you use some tips on what food choices are better than others? Learn strategies that can help you make good choices at restaurants and other food establishments. For more information,

contact Jennifer Treger at 4-1493 or treger@health.umd.edu.

6 p.m., Graduating Seniors' and Parents' Reception Grand Ballroom, Stamp Student Union. The Division of Academic Affairs and the Office of Multiethnic Student Education will host a program for graduating seniors. The buffet opens at 6 p.m. and the program begins at 6:45 p.m. For more information, call OMSE at 5-5616.

8 p.m., University of Maryland Symphony Orchestra Season Finale Concert Hall, Clarice Smith Performing Arts Center. Featuring the world premiere of *Through the Ear of a Raindrop* by faculty composer Robert Gibson. For more information, call (301) 405-ARTS or visit www.claricesmithcenter.umd.edu.

FRIDAY

may 10

9:30 a.m.-5:30 p.m., Spring Sale Harrison Lab. The Department of Natural Resource Sciences and Landscape Architecture is selling several types of flowers and plants at the greenhouse on Route 1. For more information, call Catherine at 5-4376.

5 p.m., New Dances Dance Theatre, Clarice Smith Performing Arts Center. An informal program by the Maryland Dance Ensemble of non-adjudicated dance works. For more information, call (301) 405-ARTS or visit www.claricesmithcenter.umd.edu.

8 p.m., Scandals! Concert Hall, Clarice Smith Performing Arts Center. All the music on this program initiated tumult when it was first performed, with the Baltimore Symphony Orchestra. Tickets cost \$20-40. For more information, call (301) 405-ARTS or visit www.claricesmithcenter.umd.edu.

SATURDAY

may 11

8 p.m., Annual "Pops" Concert Concert Hall, Clarice Smith Performing Arts Center. A star-spangled salute to the U.S.A. from the Symphonic Wind Ensemble and Concert Band with a guest appearance

by the University Chorale. Tickets cost \$10 for adults, \$8 for seniors and \$5 for students. For more information, call (301) 405-ARTS or visit www.claricesmithcenter.umd.edu.

SUNDAY

may 12

3 p.m., Chorale Classics Concert Hall, Clarice Smith Performing Arts Center. The University of Maryland Chorus presents works for symphonic choir by Haydn, Brahms, Handel, Verdi and Bruckner. For more information, call (301) 405-ARTS or visit www.claricesmithcenter.umd.edu.

MONDAY

may 13

8:45 a.m.-4 p.m., OIT Short-course: Introduction to Dreamweaver 4404 Computer & Space Science. Participants will learn to create a basic Web page and: upload a site, work with text, add links, work with images, use tables, frames, create forms, use colors and backgrounds, and create dynamic HTML effects using Dreamweaver 4.0. The fee for the class is \$80. To register, visit www.oit.umd.edu/sc. For more information, contact the OIT Training Services Coordinator at 5-0443 or oit-training@uimail.umd.edu, or visit www.oit.umd.edu/sc.

12:30-1:30 p.m., Promotion and Tenure Workshop Maryland Room, Marie Mount. This brown bag lunch, aimed at assistant and associate professors, will describe the promotion and tenure process. The Associate Provost for Faculty Affairs will be there to answer questions and to hand out the 2002-2003 procedures manual. Please notify Ellin Scholnick if you would like to attend. For more information contact Ellin K. Scholnick at 5-4252 or es8@uimail.umd.edu.

7:30 p.m., Big Band Finale Kay Theatre, Clarice Smith Performing Arts Center. The Jazz Ensemble and "Monster" Jazz Lab Band team up. For more information, call (301) 405-ARTS or visit www.claricesmithcenter.umd.edu.

TUESDAY

may 14

12:30 p.m., Undergraduate Opera Workshop Gildenhorn Recital Hall, Clarice Smith Performing Arts Center. Students perform Dido and Aeneas. For more information, call (301) 405-ARTS or visit www.claricesmithcenter.umd.edu.

4:15-6 p.m., Minority Achievement and Urban Education Colloquium 1121

Benjamin. "The Role of the Faith Community in Minority Achievement," with panelists Rev. Velma Brock, university chaplain, and representatives from the area faith community. For more information, contact Martin L. Johnson at mj13@uimail.umd.edu, or visit www.education.umd.edu/MIMAU.

8 p.m., Philharmonia Ensemble Finale Concert Concert Hall, Clarice Smith Performing Arts Center. The student-led chamber orchestra celebrates the close of its second season. For more information, call (301) 405-ARTS or visit www.claricesmithcenter.umd.edu.

4 p.m., Distinguished AMO Theory Lecture 1410 Physics. Keith Burnett, from the University of Oxford, will give a talk titled "Entanglement in Evolving Bose-Einstein Condensates." For more information, call 5-3401 or visit www.physics.umd.edu/cal/spevents/amotheory/burnett.html.

6:30 p.m., Reflections of the Mosaic: The Gateway Arts District in A New Light 0104 Plant Sciences Building. Join the senior Landscape Architecture students for a display of their new community design for the Gateway Arts District in Prince George's County. For more information, call MaryJo Dosh at 5-4359.

For additional event listings, visit www.collegepublisher.com/outlook.

Outlook

Outlook is the weekly faculty-staff newspaper serving the University of Maryland campus community.

Brodie Remington • Vice President for University Relations

Teresa Flannery • Executive Director, University Communications and Marketing

George Cathcart • Executive Editor

Monette Austin Bailey • Editor

Cynthia Mitchel • Art Director

Laura Lee • Graduate Assistant

Robert K. Gardner • Editorial Assistant & Contributing Writer

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Send material to Editor, Outlook, 2101 Turner Hall, College Park, MD 20742

Telephone • (301) 405-4629
Fax • (301) 314-9344
E-mail • outlook@accmail.umd.edu
www.collegepublisher.com/outlook



calendar guide

Calendar phone numbers listed as 4-xxxx or 5-xxxx stand for the prefix 314 or 405. Calendar information for Outlook is compiled from a combination of InforM's master calendar and submissions to the Outlook office. Submissions are due two weeks prior to the date of publication. To reach the calendar editor, call 405-7615 or e-mail to outlook@accmail.umd.edu. *Events are free and open to the public unless noted by an asterisk (*).

Stages

NEWS FROM THE CLARICE SMITH

PERFORMING ARTS CENTER

A Week of Finales Ends the Year for Music

Almost every major unit in the School of Music will be represented during the week of May 7, as the school prepares to conclude its 2001-02 season. The exciting week will be highlighted by the participation of many faculty members and guest artists, and the finales of many special groups.

The schedule is as follows:



<p>Wednesday, May 8, 7:30 p.m. Maryland Opera Studio—The Coronation of Poppea Kay Theatre</p> <p>Monteverdi's spectacular work tells the true story of Roman emperor Nero and his love of the courtesan Poppea. Performed in English. Directed by Leon Major. Conducted by Kenneth Slowik.</p>	<p>Competition. Also, Manuel de Falla's ballet "The Three-Cornered Hat" featuring renowned faculty artist Delores Ziegler.</p>	<p>members. Monday, May 13, 7:30 p.m. Big Band Finale Concert University of Maryland Jazz Ensemble & "Monster" Jazz Lab Band Chris Vadala, conductor Kay Theatre</p> <p>Featuring a lively program of big band standards. Led by one of the country's most sought-after woodwind artists, Chris Vadala, director of Jazz Studies.</p>
<p>Thursday, May 9, 8 p.m. University of Maryland Symphony Orchestra James Ross, music director Delores Ziegler, mezzo-soprano Doug O'Connor, saxophone Concert Hall</p> <p>Featuring the world premiere of "Through the Ear of a Raindrop" by faculty composer Robert Gibson, written for the inaugural season of the Clarice Smith Performing Arts Center, and Jacques Ibert's "Concertino da Camera for Alto Saxophone and Orchestra" featuring Doug O'Connor, winner of the 2002 UMSO Concerto</p>	<p>Saturday, May 11, 8 p.m. Annual "Pops" Concert University of Maryland Symphonic Wind Ensemble University of Maryland Concert Band John E. Wakefield and L. Richmond Sparks, conductors Concert Hall</p> <p>A star-spangled salute to the United States with a guest vocal appearance by the University Chorale. Now in its 26th year.</p>	<p>Tuesday, May 14, 8 p.m. Philharmonia Ensemble—Grand Finale Concert Guest artist Rita Sloan, piano Concert Hall</p> <p>The popular student-led chamber orchestra celebrates the close of its second season (and the end of the school year) with distinguished faculty artist Rita Sloan joining on "Martin's Toccata e due Canzoni."</p> <p>Also, Mendelssohn's Symphony no. 3 "Scottish" and Tchaikovsky's "Serenade for Strings."</p>
	<p>Sunday, May 12, 3 p.m. University of Maryland Chorus—Choral Classics Edward Maclary, conductor Concert Hall</p> <p>Works for symphonic choir by Bruckner, Haydn, Brahms, Handel and Verdi performed by the 100-voice Maryland Chorus—students, faculty, staff and community</p>	

QUINTANGO TAKES LAST "TAKE FIVE"

Tango quintet QuinTango takes a look at what happens when culture travels from west to east along the Silk Road, at the Clarice Smith Performing Arts Center for the semester's final "Take Five" on Tuesday event on May 7 at 5:30 p.m. in the Laboratory Theatre.

Take

Composed of two violins, a cello, double bass and piano, QuinTango will be joined by Turkish tango dancer Murat Erdemsel for a musical comparison of vintage Turkish and

Argentine tango music and dance. Experts will then discuss both Argentine and Turkish views of tango and answer questions. Concluding the evening will be an introductory tango lesson and a chance to dance to QuinTango's music.

This local tango group is devoted to the musical performance of tango and is inspired by the "orquesta tipica," the classic tango orchestra of violins, bandoneons, bass and piano.



Take a journey along the Silk Road: from Buenos Aires to Istanbul with QuinTango.

TAKE FIVE events are every other Tuesday. Performances are informal and free!

Concert Hall Named After Local Benefactor

An exciting change is in store for the Concert Hall of the Clarice Smith Performing Arts Center. Elsie Dekelbourn of Chevy Chase, Md., recently gave a \$5 million gift to support the center's endowment.

Elsie and her late husband, Marvin, have been friends of Clarice and Robert Smith for many years. She wanted to honor that friendship in a significant way. The gift not only names the Concert Hall, but allows the Dekelbourns an opportunity to be associated with their friends, the Smiths, in perpetuity. The name change will become effective at the end of May and Mrs. Dekelbourn will be honored during a private ceremony in June.

Talented Young Students Bring Music to Campus

Students from around the country will join together to create an orchestra again this summer when 104 talented young musicians, selected from a national pool of nearly 500, participate in the School

of Music's National Orchestral Institute (NOI), from May 31 to June 23.

Currently in its 15th year, NOI was established to help young students make the transition from academia to professional orchestras while developing their performance skills. The institute offers an intensive three-week training experience for musicians on the threshold of their professional careers. Participants will perform in three public concerts conducted by world-renowned resident conductors—Michael Stern, Gerard Schwarz, Stanislaw Skrowaczewski—and will also polish their professional skills through mock auditions, mas-

ter classes and seminars.

The public performances begin at 8 p.m. and will be held in the Concert Hall. The schedule is as follows:

Saturday, June 8
Michael Stern, conductor
(Founder of "IRIS," a new orchestra in residence at the Germantown Performing Arts Centre in Tennessee)
Mendelssohn's "Italian Symphony," Debussy's "La Mer" and Bartok's "Concerto for Orchestra"

Saturday, June 15
Gerard Schwarz, conductor
(Music director of the Seattle Symphony)
Paine's "Prelude to Oedipus

Tyrannus,"
Elgar's "Enigma Variations" and Shostakovich's "Symphony no. 10"

Saturday, June 22
Stanislaw Skrowaczewski, conductor (former conductor of the Minnesota Orchestra)
Skrowaczewski's "Concerto for Orchestra" and Bruckner's "Symphony no. 9"

Nearly 50 faculty members will be here throughout the three-week institute, pre-



104 students will participate in this year's National Orchestral Institute.

sending master classes, coaching sectionals and chamber

music groups. These will include university faculty as well as principal players from major symphony orchestras.

Tickets for NOI are \$15, \$12 for seniors, and \$5 for students. For ticket information, please contact the Ticket Office at (301) 405-ARTS.

PHOTO BY STAN BAROUH

For ticket information or to request a season brochure, contact the Ticket Office at 301.405.ARTS or visit www.claricesmithcenter.umd.edu.

CLARICE SMITH
PERFORMING ARTS
CENTER AT MARYLAND

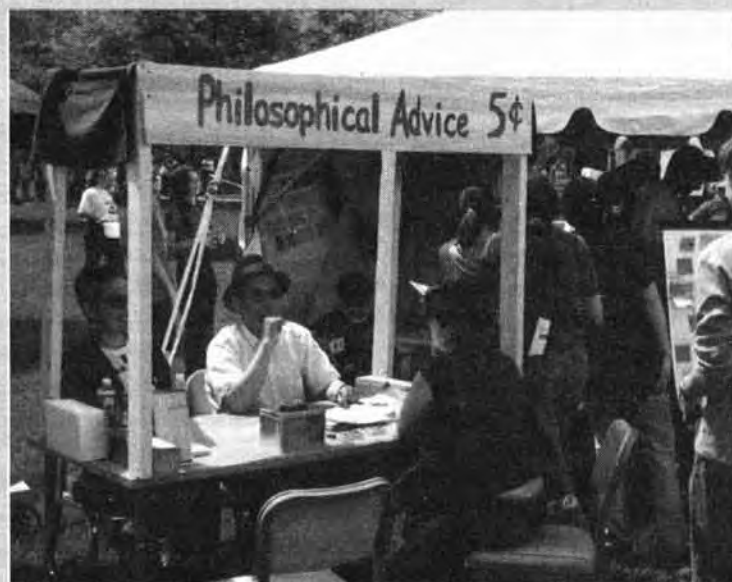
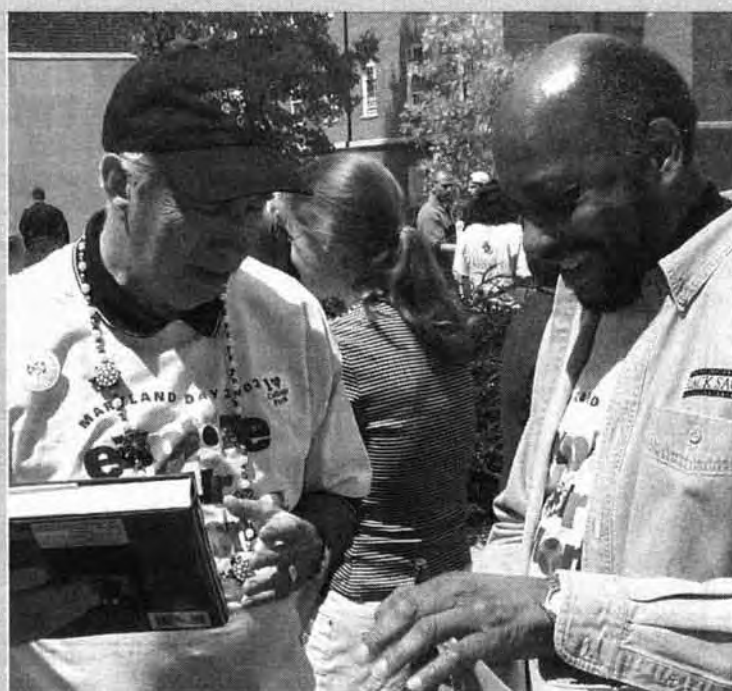


Maryland Day: Creative Efforts, Hard Work Yield a Good Time for All

Continued from page 1



PHOTOS BY CYNTHIA MITCHEL



Clockwise from top left: A blue sky over McKeldin Mall provided the ideal backdrop for Maryland Day; Hope Chinese School at College Park students perform a dance for an attentive crowd. A musician in the making tries her hand with the string bass at the Clarice Smith Performing Arts Center's instrument petting zoo. President Dan Mote gets an autographed copy of geology professor Charles Christian's book "Black Saga." Charles Manekin (in hat), director of undergraduate studies in philosophy, offers advice at a fair price. The football team entertains sports fans at the end of the day. Students offer free "kisses" (of the chocolate variety). Physics professor Michael Fuhrer demonstrates conservation of angular momentum to science-minded youngsters. Byron Mouton of the men's basketball team autographs a young fan at Cole Field House.

Seeking Continuous Improvement Payroll and Human Resources (PHR) System

From July through November 2001, the University of Maryland implemented a new Personnel/Payroll/Time & Attendance system (PHR). The system totally integrates personnel, payroll and time and attendance functions and data with real-time transaction processing in the Web environment.

It also has built-in mechanisms to facilitate and ensure compliance with university, state and federal regulations. PHR provides comprehensive user access to the data in those three systems via the data warehouse and Web reporting tools. Four other institutions have made the decision to implement PHR at their campuses. University System of Maryland office (USM) and University of Maryland Biotechnology Institute (UMBI) implemented the system during February 2002. University of Maryland Center for Environmental Science (UMCES) implemented the system during March 2002, and University of Maryland Eastern Shore (UMES) will implement PHR during Fall 2002.

Since the implementation of the system, many suggestions for system improve-

ments have been submitted. In response to those suggestions, numerous enhancements have been made to the original system. Refinement requests are collected, reviewed, evaluated and prioritized for inclusion. Many early refinements were related to improving the processing speed and performance of both the application and Warehouse on the Web (WOW) reporting. Additionally, system standards, interface design issues and screen consistency continue to be evaluated and enhanced.

Additional refinements made to the system include:

- **Time Entry Module** — This PHR module handles time entry and leave management for the following employment types: regular exempt, regular nonexempt, contingent II, contingent I, hourly students, hourly faculty and officers. Refinements include changing the default of the timesheet to the current pay period, adding links to and from policy documents and ARES Employee Data Verification screen, and adding detail in e-mail confirmation messages.

- **Employee & Appointment Module** — The Employ-

ee and Appointment Module of PHR handles the set up of an employee for pay, time entry and leave management, and human resource tracking. Many refinements have been made within this module. Refinements include adding a comprehensive summary screen that displays information pulled from many different PHR entry screens, adding more detail in email confirmation messages, adding the display of changes made for previously approved actions, and a summer salary screen.

- **WOW Reporting** — Warehouse on the Web (WOW) reporting provides important information to departmental staff for use in managing PHR transactions and for general information purposes. General refinements include optimizing the system to reduce report processing times. Several new reports have been added to the WOW suite:

- **The Employee Visa Report** enables the administration and departments to monitor critical visa-related information that has been entered into PHR for non-citizen employees.

See *PHR*, page 7



Notable

The College of Computer, Mathematical and Computer Sciences faculty celebrated a few honors recently: **Sankar Das Sarma**, physics, will be honored by Brown University May 28 with a Distinguished Graduate School Alumnus Award for his scholarship and professional contributions. **Jan Sengers**, IPST, was elected Fellow of the World Innovation Foundation, an organization founded as the Institute of National Economic Enrichment and Development (INEED) in 1992 by Nobel Laureate Glenn Theodore Seaborg. **James Yorke**, professor in mathematics, physics and IPST, received the 2002 CMPS Distinguished Alumnus Award at the Alumni Awards Gala on April 6 in recognition of his extraordinary academic, administrative and personal achievements as well as his commitment to undergraduates in need.

College Park magazine received a silver medal for excellence in general interest university magazines in the 2001 national CASE competition. It was one of five medalists out of 50 entries in the competition, and one of two to receive a silver. Two gold medals also were awarded, as was one bronze. The issues entered in the competition were Summer '01 ("Writing Life") and Fall '01 ("Water").

The College of Agriculture and Natural Resources is also celebrating quite a few honors. Dean **Tom Fretz** recently won the American Distance Education Consortium's (ADEC) Irving Award for outstanding leadership as chair of the ADEC Board of Directors from 1999-2001. This is ADEC's highest honor.

During the 35th Annual College Alumni Chapter Reunion and Awards Celebration, **Wes Musser**, professor in agriculture economics, received the Excellence in Extension Award. **Ramon Lopez**, also a professor in agricultural and resource economics (AREC), received the Excellence in Research Award.

The College of Agriculture and Natural Resources Awards ceremony on April 22 saw the following honored: The Director's Award for Excellence in Extension was presented to **Dian Rowe**, Baltimore County family and consumer sciences educator. Inma Estevez, assistant professor and extension specialist with animal science, received the Junior Faculty Award. **Donna Moore**, administrative assistant in the

Maryland Cooperative Extension's Worcester County Office, received the off-campus Staff Award. **Tiffany Abe**, administrative assistant with biological resources engineering, received the on-campus Staff Award. **Ramon Lopez**, professor in AREC, received the Dean Gordon M. Cairns Award, which recognizes distinguished and creative teaching in agriculture.

The Office of Human Relations Programs is pleased to announce that **Marla McIntosh** is this year's recipient of the Diversity Initiative's Faculty Support Award. The award supports faculty to engage in diversity-related research by providing funds for extra and/or specialized research time and/or a course "buy-out." The award is collaboratively sponsored by the Diversity Initiative, the Office of Associate Provost for Equity and Diversity and the Office of Research and Graduate Studies.

McIntosh, a professor in natural research sciences and land architecture, will use her award to study the participation and roles of women in the academic sector of agricultural sciences.

The Association of Research Libraries' (ARL) ranking of 113 academic research libraries in North America for 2001 (2000 data) showed that the **University Libraries** had jumped from 43rd to 39th place in one year. Since the ranking first appeared in 1986, Maryland's libraries have been below 40 only one other time (1999, no. 39). The ranking has been as low as 50 (1991 and 1992) but usually in the low- to mid-40s.

Because of increased pressure for institutional accountability, research libraries are challenged to provide measures that document their contributions to teaching, research, scholarship and community service. ARL serves a leadership role in the testing and application of academic research library statistics for North American institutions of higher education through its Statistics and Measurement Program. The ARL rankings are based on five data elements: number of volumes held, number of volumes added, number of current serials received, total operating expenditures, and number of professional and support staff. These quantifiable elements are considered the elements research libraries most resemble each other.

Engineering: Reaching Out on All Levels

Continued from page 1

ence and Engineering (RISE), which allows college sophomores and juniors to participate in an eight-week collaborative project under the mentorship of a female faculty advisor. Created by Janet Schmidt, Linda Schmidt and Ann Spencer, RISE also has a component that introduces first-year students to the university and college in the summer. In its first year, this project is one of the many things Smith oversees. In charge of screening guidelines, Web page design, applications and fielding phone calls, she was able to get about 60 qualified applicants from around the country for only 20 spots.

"Her blend of experience and enthusiasm and energy has made this a wonderful launch to our program," said Linda Schmidt, a professor in mechanical engineering. "Winning the grant was great. Seeing it administered so well is just a gift."

"Having someone like Paige there to not only generate ideas, but also turn them into reality is fabulous."

Smith brought in a few new programs to WIE including Mentoring Teams which group first-year female engineering students with an upper-level

mentor. The group meets weekly to discuss academic and social issues. She also introduced a program called High School Visits in which current university engineering students go back to their high schools to encourage juniors and seniors to consider engineering.

She works closely with the students involved in the Society of Women Engineers, a professional organization, where many students volunteer to participate in the outreach programs. She said much of her work and the programs would not happen without student involvement. Smith also says she has received a lot of support from the Center for Minorities in Science and Engineering and they've helped her adjust to her position, where she has become a valued member of the college.

"In the past, people like me, women faculty members, wanted to do a lot, but we have limited resources," Schmidt says. Smith gives them the support they need to help pull their ideas together. While the idea, concept and academic structure of the program is developed, there are other issues—such as housing, supervision, transportation—that Smith has

to resolve.

In addition to her full-time position in WIE, Smith is also in the process of collecting data for her dissertation work in pursuit of her doctoral degree in engineering from Virginia Tech. While at Virginia Tech as a student, she worked in a similar office called the Office of Minority Engineering Programs. There, she gained much of the experience and knowledge that she is putting to work for WIE.

Smith is hoping to start a summer program for middle school girls. "The need is so high," she says. "Research shows that by eighth grade, girls lose their confidence in math and science."

She said that the pool of engineers needs to grow, and promoting the entrance and involvement of more people, such as women and minorities, will push the field to the next level. "Diversity is something to be taken advantage of," Smith says.

Schmidt predicts that under Smith, WIE will only increase in visibility.

"I don't see it as something to do as I finish my degree," Smith says. "This is what I want to do. It's fun—it's always different."

Extracurricular

Comfortable in Many Hats Mayor, Mom, Maryland Delegate

Tawanna Gaines had an important decision to make last weekend.

Gaines, administrative assistant in the Office of the Dean of Undergraduate Affairs, was contemplating running for the seat in the Maryland House of Delegates, to which she was appointed last December.

Her predecessor had resigned to accept an appointment as a district court judge. The governor, having the power to fill vacancies arising between elections, tapped Gaines to finish the term, ending Jan. 3, 2003. With that date slowly approaching, she had to decide whether she wanted to run. Her colleagues in the assembly were encouraging.

"They must have thought I'd done a good job," Gaines says. She has been active in local politics for many years as a town council member and mayor of Berwyn Heights, so Gaines is no political neophyte. She does admit, however, to having been nervous about continuing to serve at the statewide level. "Berwyn Heights is such a small town. I felt confident enough about the county issues. I wanted to make sure I was familiar enough with the state issues."

Gaines had to familiarize herself with the state issues quickly when she began serving in the assembly's most recent 90-day session, which convened January 9. Most of her fellow first-time delegates were elected in 1999 and had undergone an extensive orientation. There was no time for that when she began. Gaines credits the staff she had to quickly assemble with helping her acclimate.

Her unusual journey to the House of Delegates echoes hers to the University of Maryland. Ten years ago Gaines and her friend were stay-at-home mothers whose children had begun attending school full time.

"We realized we couldn't really stay at home all day anymore," Gaines laughs. "We had six whole hours a day with nothing to do." Showing some of the political savvy that's marked her rise in Maryland politics, she and her friend brokered a job-sharing arrangement with the Office of Dean for Undergraduate Studies.

The arrangement called for

them to split the hours for a single job between them. Because her children went to school earlier, Gaines would work mornings from 8:30 a.m. to noon and her friend would finish the day. This not only allowed them to be



PHOTO COURTESY OF T. GAINES
Tawanna Gaines juggles her many duties as mother, university staff member and delegate.

available for their kids after school, but also to pursue their other interests; Gaines was the president of the Berwyn Heights Boy's and Girl's Club.

From her record, it seems as if Gaines is most comfortable doing many things at once. Her curriculum vitae on the House of Delegates home page lists the many overlapping positions she's held, including board member of the Prince George's County Municipal Association, treasurer of Women in Government Service and vice president of the Maryland Black Mayors Association.

When she was appointed to the House, she had to resign all of her positions because delegates aren't allowed to hold another elected position. She still works full time as an administrative assistant to the coordinator for the university's National Student Exchange Program and took a leave of absence to attend the 2002 legislative session in Annapolis.

But will she be taking that leave of absence to attend next year's session? She decided last weekend that she will be and looks forward to the upcoming campaign.

"It will be a lot of work with the mayors of my district and it will be a lot of door knocking," Gaines predicts, laughing and rapping her knuckles on the table.

Caring for All Resources

Urban Forestry Major Built Around Nature and People



PHOTO BY LAURA LEE

Jim Mallow, a retired state forester with the Maryland Department of Natural Resources Forestry Services, helped create the new urban forestry major at the university. He stands next a display in his office documenting the history of the different patches of the DNR.

"There is a need for nature in cities," said a voice from a video about urban forestry. It is one of Jim Mallow's tools for recruiting and informing the campus community about a new program in the College of Agriculture and Natural Resources (AGNR).

Mallow, former state forester with the Maryland Department of Natural Resources (DNR) Forest Services and current adjunct professor, has helped bring urban forestry to the university. Beginning this fall, students can take courses leading to a bachelor of science degree with a concentration in urban forestry. After working to create the program, all Mallow needs now are students. So far, he has three. In five years, he hopes to have 25.

Mallow first came to the university about six years ago when his friend, Pat Kangas, a natural resources professor, talked him into teaching a parks management class. Kangas then urged Mallow to develop an urban forestry program. Both thought that the large urban landscape of the Baltimore/Washington area would be an ideal setting for such a program.

Urban forestry is more than arbitrarily planting trees in a city. "It's about caring for the forest resources in a holistic

way within an urban environment," said Mallow, who spent 35 years working in natural resources.

Urban foresters have a hand in housing developments, urban planning and state and city laws and regulations, among other things. The problems in urban areas such as storm water, rising heat and pollution can be reduced with the proper planning and landscaping.

Mallow and Kangas developed an advisory committee made of members from the municipal, state and private sectors of urban forestry.

"We're keeping it real in terms of connections with the real world," Mallow said. The group thought about what skills would be needed to do their jobs and they made a list with everything from public speaking to identifying trees. When the committee took its proposal to the college, the college built an academic structure around the list of skills with courses. Mallow said that they only had to create about five new courses to complete the program.

Mallow gives a lot of credit to Thomas Fretz, dean of the College of Agriculture and Natural Resources, and Marla McIntosh, forest ecology professor, and Dick Weismiller, chair of the natural resource

sciences and landscape architecture department, for supporting the program in its initial stages. It took about 18 months to get the program established in the college. He also gets support from the advisory committee whose members are available to give hands-on demonstrations to classes. The committee helps in monetary ways as well. The Care of Trees Company in Rockville has promised to hire the first graduating class and the Bartlett Tree Foundation has a \$1,000 scholarship for urban forestry majors.

When Mallow was in college, there was no such thing as urban forestry. Now he sees a definite need to offer this type of education and training. As cities develop and grow, they develop more problems as they get older. Mallow said there will be a need for urban foresters who have the skills to deal with those issues and the people around them.

"I see that as the greatest feeling, the greatest challenge and the most unique opportunity—to be able to spend your working life making a difference to the two most important resources that exist on the face of the earth: natural resources and human resources," said Mallow. "It's kind of a mission."

Bridges: Networking Conference's Focus

Continued from page 1

use of technology are a few of the topics that will be discussed in other workshops.

"We'll have a student panel titled 'What We Needed to Know' where Maryland students will tell us what kind of support they need," says Roberta Coates, assistant the president, staff ombudsman and one of the conference coordinators. She adds that the founder of BFSa, Julia Davidson, will present a history of

African Americans in higher education, with an emphasis on the success strategies they employed. "And she will share what she envisions for the future."

For more information about the conference and to register, go to www.inform.umd.edu/bfsaconference. Or contact Jacqueline Wheeler at (301) 405-9024 or Dana Parker at (301) 314-8370.

PHR: Feedback Leads to Improvements

Continued from page 1

• Timesheet Accountability reports provide comprehensive lists of employees who have neglected to sign their timesheets and/or employees whose supervisors have not approved their timesheets.

Summaries of completed and planned refinements are available at the PHR Web site by visiting: <http://www.umd.edu/phr>. Select Employee and Appointment Refinements or Time Entry Refinements from the Hot Topics area. Summaries will be updated to reflect completed work.

Comments and feedback regarding the PHR system may be submitted using the "Feedback" link found on any of the following PHR Web sites: PHR Web site (<http://www.umd.edu/phr>), the PHR system Web site (<http://www.phr.umd.edu>) and the PHR Time Entry Web site (<http://timesheets.umd.edu>). Feedback can also be provided to the PHR Customer Service Center.

A full-time PHR Customer Service Center is available to assist staff with employee appointment and time entry questions. The PHR Customer Service Center can be reached by calling (301)

405-7575 or via e-mail at: phrserv@accmail.umd.edu. Hours of operation are Monday through Friday 8 a.m.-5 p.m. Additional services provided by the Customer Service Center include implementing system security, setting up new time entry work groups, providing WOW report assistance and processing requests for additional or improved WOW reports.

The Administrative and Enterprise Applications unit within the Office of Information Technology provides the technical and operational support required for this far-reaching system.

—By Barbara Hope

Hurley: Strength Training Plan for the Ages

Continued from page 1

lift weights — but instead of pumping iron, they will be pumping air by using exercise machines that work by compressed air instead of weight stacks. He will be working with nearby Riderwood Village (which has its own training facility). In addition, volunteers will be recruited from other retirement communities, as well as from the campus and College Park communities.

An extensive chart of his research group, and that of colleagues, bears out Hurley's findings. With sarcopenia, or the loss of muscle mass with age, men over 60 and women over 50 suffer a 12 percent average loss in muscular strength and a 6 percent loss in muscle mass per decade. After two months of training, their strength increases by an average of 40 percent and their muscle mass increases by 12 percent, thus recovering three decades of the average loss in strength and two decades of muscle mass within the first couple of months of strength training. However, Hurley's data suggests that there is substantial variation in response to aging and in response to training that can be explained by each person's gene profile, but nobody knows what specific genes explain this large variation in response to aging and exercise. Hurley's research group is particularly interested in muscle power, because it can determine how well older people can function while doing normal activities of daily living. For example, muscle power may determine how quickly someone catches himself or herself before a fall.

"When you're young, you have plenty of strength and



Ben Hurley, an exercise physiologist with the College of Health and Human Performance, will study how strength training — and genes — affect the aging process.

muscle mass on reserve to deal with any activity required for daily living, but when an 80-year-old is carrying groceries up the stairs, her or his strength and muscle mass may be below the threshold required to safely perform this

when measuring the effects on osteoporosis. Women and men lose bone density, though women to a greater degree. Hurley's study participants received an average increase of 3 percent through strength training.

One of the most impressive results of his early research is the effect strength training has on gastrointestinal (GI) transit time, or how long it takes an individual to pass food through the entire body. Slow GI transit time is associated with an increased risk for colon cancer, diverticulosis, hemorrhoids, constipation and gallstones. In only 13 weeks of strength training, subjects accelerated their GI transit time by 56 percent.

It's ironic, says Hurley, that many people over 50 think that aerobic exercise training is the only type of exercise that will benefit them and many people under 25 think that strength training is the only training modality for them. Although both training programs have benefits for all ages, the truth is that strength training becomes more important for health and function as people get older. For many young adults, he thinks, it's all about creating the body beautiful, rather than about improving their health. One downside of strength training, said Hurley, is that it can decrease flexibility if not supplemented with stretching exercises. He therefore recommends that everyone stretch regularly.

"You have to do specific stretching exercises and it doesn't take long," says Hurley. "Flexibility is the easiest and fastest component of fitness to improve."

Hurley is still looking for participants, between the ages of 50 and 90, for his study. However, he is particularly interested in those between 65 and 75, and African Americans. For more information, or to volunteer, call (301) 405-2457.

activity," he says.

In studying the resting metabolic rate, scientists have observed a 3-4 percent decrease per decade, but Hurley's research group have found a 7 percent increase after strength training. They also saw satisfying results



Verbatim

"This effort has taken complex coordination across a complex region," said **Dan Mote Jr.**, president of the University of Maryland. "This is a project that can be a model for how we can work together on any number of things, like business, education, transportation." (President Mote speaks at a Potomac Conference meeting on the region's bid for the 2012 Olympic Games. Washington Post, April 26)

Unlike animal cloning, which is in its infancy — and hotly disputed where human tissue is involved — plant cloning is thousands of years old. But it doesn't always work. Maryland scientists tried unsuccessfully for more than 30 years to clone the Wye Oak in an effort to preserve the tree's genetic information before the tree itself dies. In 2000, **Frank Gouin**, a retired former chairman of the horticulture department at the University of Maryland who has successfully cloned many other species, finally hit upon just the right combination of technique and timing. Buds clipped from the top of the Wye Oak were grafted to roots of the tree's seedlings — grown from acorns. They were set out to grow at the Maryland state nursery in Preston, in Caroline County. "In the first year we had 50 percent success; in the second year we had 90 percent," Gouin said. Now there are more than 30 Wye clones. They're being planted in protected spots on both coasts. "So far, they seem to be doing quite well." (Professor of horticulture emeritus Gouin remarks on cloning the 460-year-old Maryland Wye Oak as two plantings are put in the ground at Mount Vernon. Baltimore Sun, April 27)

But in turn-of-the-century America... — with immigrants pouring into the country, with asylums and prisons overflowing and devouring public funds, with disease, child mortality, crime, illiteracy and poverty profound, and with social welfare institutions strained, the eugenics movement turned on its head. It became a movement aimed not at breeding the best, but at reducing society's plagues by keeping the "worst" out of the country. And more, by preventing the "inferior" from breeding at all. Knowing today, of course,

that many human and societal ills are the complex product of nature and nurture can easily make the eugenicists' ideas sound outrageous. "They believed they were bettering humankind through science," said **Steve Selden**, professor of education at the University of Maryland and author of *Inheriting Shame: The Story of Eugenics and Racism in America*. (Selden is an expert on the eugenics program of the early 20th century in Virginia, which is now being addressed by a state government apology. Kansas City Star, April 27)

With a Republican in the White House and the Republican controlled Senate, power has shifted from the left to the right. "The irony is that all these (black) candidates for governor are coming along when the tide has created more Republican governors than ever before," Walters says. "The winds are simply not in their direction, so they have to have the kind of agenda that really comports with a far more conservative constituency. But if they do, then they're out of sync with the black community." (Ronald Walters, professor of government and politics, speaks to Black Enterprise magazine, May 2002)

"We know that violence will never solve the Arab-Israeli conflict," (Jehan) Sadat said. "Only negotiation will succeed." She was the latest speaker in the "Unique Lives and Experiences" ... series (which) also included Julie Andrews, former Texas Gov. Ann Richards, CBS journalist Lesley Stahl, and will feature actress Lily Tomlin on May 14. So much is riding on the success of U.S. diplomatic efforts, Sadat said. She added that it's important to put the current situation into historical perspective, pointing to her late husband's achievement of becoming the first Arab leader to recognize Israel during the 1978 Camp David accord. "An American role is essential to break the deadlock, inspire a new vision and lead the way." (Jehan Sadat, widow of Egyptian peacemaker Anwar Sadat and senior fellow at the Center for International Development and Conflict Management, speaks to students in Purchase, N.Y., West Chester-Rockland Journal News, May 1)

For Your Interest

Mother's Day Brunch

Join the University of Maryland Golf Course Sunday, May 12, for its annual Mother's Day Brunch. Three seatings are available (11:30 a.m., 1 p.m. and 3 p.m.). Space is limited; please call today to make reservations.

The menu features steamed shrimp, prime rib of beef, smoked turkey breast and smoked salmon. Traditional accompaniments include assorted salads, seasonal vegetables, homemade breads and rolls, and French and Italian pastries.

The cost is \$22.95 for the general public, \$18.95 for university faculty, staff, club members and their guests, \$14.95 for senior guests, \$5.95 for children 12 and under, and free for children under 4. Tax and gratuity not included.

For more information, contact Nancy Loomis at (301) 314-6631 or nloomis@dining.umd.edu, or visit www.dining.umd.edu/locations/golf_course.

Professional Concepts Exchange Conference

The President's Commission on Women's Issues (PCWI) will be sponsoring its 20th Annual Professional Concepts Exchange Conference on June 3 in the Stamp Student Union.

For more information, contact Marie Jenkins at (301) 405-5617 or mjenkins@union.umd.edu.

College Park Scholars Summer Faculty Institute

"The Spirit of Teaching: More Than Words" is a two-day faculty Institute on the spirit and pragmatics of teaching today's college students. Designed as a shared learning process with ample time for reflection and self-assessment, the Institute will be held Monday, June 17 and Tuesday, June 18 here on campus at the Cambridge Community Center. The keynote facilitator will be Dr. Mel George, President Emeritus of the University of Missouri.

Registration information can be found at www.scholars.umd.edu/facitstitute/. The registration fee is \$150. For more information, contact John Cordes at (301) 405-0532 or jcordes@deans.umd.edu.

Professional Concepts Exchange Commission

Register now for the 20th Annual Professional Concepts Exchange Conference to be held on Monday, June 3. The purpose of this conference is to promote the goals of professionalism and excellence among the support staff of the University of Maryland. This year's theme is "United We Stand: Strength of the Support

Safety Officers Honor Leaders

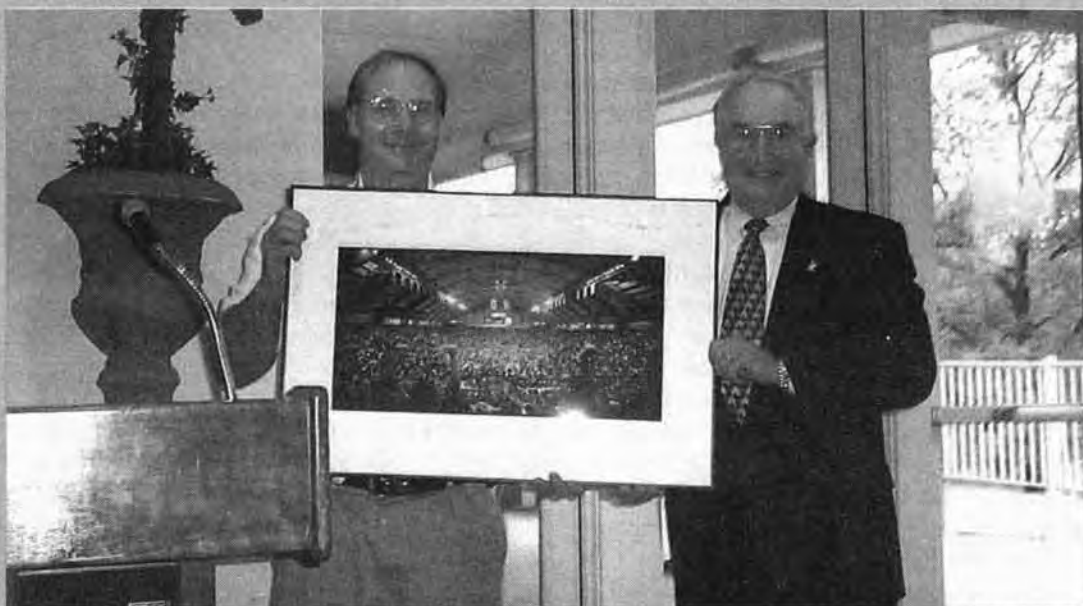


PHOTO BY LUISA FERREIRA

Charles Sturtz, retiring vice president of administrative affairs, accepts a framed photo of the interior of a packed Cole Field House from Director of Environmental Safety (DES) Leon Igras. The presentation was made during the monthly DES Compliance Officers' breakfast. USM Chancellor Donald Langenberg was also honored for his years of service to the university and support of safety in all aspects of university operations.

Campus Hosts Cooke Scholarship Awards Ceremony



PHOTO BY CYNTHIA MITCHEL

Last week, six University of Maryland students were among 50 area students to receive graduate scholarships from the estate of Washington Redskins owner Jack Kent Cooke. The scholarships are worth up to \$50,000 a year and are awarded to students in a broad variety of disciplines. This year's recipients will go on to study social work, creative writing, medicine and engineering, among other subjects. Above, Maryland's six scholars—(l to r) Julie Iversen, Anoma Nellore, Fasika Woreta, Tinsay Woreta, Dale Bartrop and Gaurav Shah—pose with University President Dan Mote (center) after the ceremony held on McKeldin Mall.

Staff." The Professional Concepts Exchange Conference is sponsored by the President's Commission on Women's Issues.

For more information and a registration form, visit www.umd.edu/pcwi/pcec, or contact Barbara Scafione at (301) 405-5866 or bscafione@psyc.umd.edu.

Terrapin Adventure Complex Seeks Faculty/Staff Facilitators

Campus Recreation Services' ropes course is looking to hire three to four UM faculty or staff to join their staff of teambuilding and adventure facilitators in the fall. Applicants must be willing to facilitate a minimum

of three workshops per semester and attend monthly meetings of the Terrapin Adventure Challenge program.

Experience leading groups and/or teambuilding is necessary, whether it be as a summer camp staff person or tour guide. Impact the campus community by using fun and adventure to guide staff, students and faculty to greater effectiveness. The deadline is May 10.

For more information, contact Jacob Sciammas at (301) 226-4456 or js587@umail.umd.edu.

OIT Scanning Service on the Move

As of June 1, the Optical Scanning and Test Services will

move to the Department of Business Services, from the Office of Information Technology's Academic Support unit. The university community will continue to receive the same services through their Media Express facility located in room 3302, Computer and Space Sciences Building.

For the remainder of the Spring semester, faculty, staff and students will be able to have their spring final exams scored and evaluations tallied, and data analyzed, scanned and stored electronically as usual by OITAS.

For more information on Optical Scanning and Test Scoring Services and this transition, visit www.oit.umd.edu/tel/opscan.html. Or call Deborah Mateik at (301) 405-2945.